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Subject:

DRAFT- 2018 Second Quarter Operation Maintenance and Monitoring Report, Operable Unit 2, Northrop Grumman Systems Corporation and Naval Weapons Industrial Reserve Plant (NWIRP) Sites, Bethpage, New York. (NYSDEC Site #s 1-30-003A and B)

ENVIRONMENT

Date:
August 31, 2018

Contact:
David E. Stern

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Our ref:
NY001496.22TM.RPTI4
NY001496.22TM.NAVI4

Dear Jason:

On behalf of Northrop Grumman Systems Corporation (Northrop Grumman), Arcadis is providing the NYSDEC with the 2018 Second Quarter Operation Maintenance and Monitoring Report (Report). This Report was prepared to document the operation, maintenance, and monitoring (OM&M) activities conducted for the on-site portion of the Operable Unit 2 (OU2) groundwater remedy and the results of ongoing volatile organic compound (VOC) and inorganic monitoring in groundwater to meet the remedial objectives set forth in the March 2001 OU2 Record of Decision (ROD).

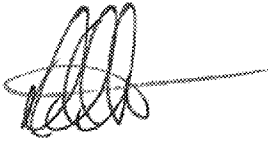
Table 1 summarizes OU2 remedial system performance operational data, total mass removal, and water balance. Tables 2 and 3 provide the analytical results for remedial system water and vapor samples for this period, respectively. Tables 4A and 4B provide the air modeling inputs and outputs and resulting analyses, based on quarterly vapor samples collected from the Tower 96 and Tower 102 systems, respectively, for this period. Tables 5A and 5B provides a summary of percent mass emittance of TCE from second quarter 2017 through second quarter 2018. Table 6, Table 7 and Table 8 provide the validated analytical results of groundwater monitoring for this period. Figures 1 through 3 show the Locations of Wells and Onsite Groundwater Remedy, ONCT Groundwater Extraction and Treatment System Site Plan, and the ONCT Groundwater Extraction and Treatment System Schematic, respectively.

Mr. Jason Pelton
July 25, 2018

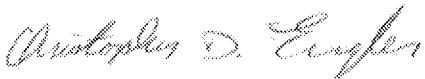
Please contact us if you have any questions or comments.

Sincerely,

[DOCVARIABLE ENTITY]



David E. Stern
Senior Hydrogeologist



Christopher Engler, P.E. 069748
Engineer of Record

Copies:

Ed Hannon, Northrop Grumman
Walter Parish, NYSDEC
Donald Hesler, NYSDEC
Steven Scharf, NYSDEC
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